PRODUCT INFORMATION PACKET

Model No: 090ST17FH6517 Catalog No: R396A 1 1/2,1800,TEFC,90SD,3/60/230/460 TEFC

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marathon®

Motors

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Nameplate Specifications

Output HP	1.50 Нр	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/460 V
Current	4.2/2.1 A	Speed	1745 rpm
Service Factor	1.15	Phase	3
Efficiency	88.5 %	Duty	Continous
Insulation Class	F	Design Code	В
KVA Code	J	Frame	90S
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6205	UL	Recognized
CSA	Y	CE	Y

Technical Specifications

Electrical TypeSQ CAGE INV RATEDStarting MethodLine Or InverterPoles4RotationReversibleMountingRigid baseMoto OrientationHorizontalDrive End BearingBallOpp Drive End BearingBallFrame MaterialAuminumShaft TypeBallOveral Length1.36 inShaft Diameter1.000 inShaft Extension1.96 inSomotherSomotherOutine Drawing16987000MEConnection Diagram05465.01ME				
MountingRigid baseMotor OrientationHorizontalDrive End BearingBallOpp Drive End BearingBallFrame MaterialAluminumShaft TypeIECOverall Length12.83 inShaft Diameter1.000 inShaft Extension1.96 inAssembly/Box MountingF3	Electrical Type	SQ CAGE INV RATED	Starting Method	Line Or Inverter
Drive End BearingBallOpp Drive End BearingBallFrame MaterialAluminumShaft TypeIECOverall Length12.83 inShaft Diameter1.000 inShaft Extension1.96 inAssembly/Box MountingF3	Poles	4	Rotation	Reversible
Frame Material Aluminum Shaft Type IEC Overall Length 12.83 in Shaft Diameter 1.000 in Shaft Extension 1.96 in Assembly/Box Mounting F3	Mounting	Rigid base	Motor Orientation	Horizontal
Overall Length 12.83 in Shaft Diameter 1.000 in Shaft Extension 1.96 in Assembly/Box Mounting F3	Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Shaft Extension 1.96 in Assembly/Box Mounting F3	Frame Material	Aluminum	Shaft Type	IEC
	Overall Length	12.83 in	Shaft Diameter	1.000 in
Outline Drawing 16987000ME Connection Diagram 005465.01ME	Shaft Extension	1.96 in	Assembly/Box Mounting	F3
	Outline Drawing	16987000ME	Connection Diagram	005465.01ME

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